

IN THE CLAIMS:

1-47. Cancelled.

48. (New) A vertically stackable gas component comprising:
a passive gas component, wherein said passive gas component is configured to mount on a modular base; and
a modular connector coupled to the passive gas component to connect to a second gas component, wherein the connector is positioned such the passive gas component and the second gas component stack vertically.

49. (New) The vertically stacked gas component of Claim 49, wherein the passive gas component is configured to vertically mount to the modular base using a surface mount.

50. (New) The vertically stackable gas component of Claim 49, wherein the modular connector is a threaded male connector.

51. (New) The vertically stackable gas component of Claim 49 further comprising:
the second gas component connected to the first gas component, wherein the second gas component is an active gas component.

52. (New) The vertically stackable gas component of Claim 49, wherein the passive gas component is a filter and the active gas component is a pressure transducer.

53. (New) A multifunctional gas component comprising:
an active gas component;
a passive gas component;
a modular connector coupling said active gas component to said passive gas component such that said active and passive gas components are stacked vertically; and
wherein said passive gas component unit is operable to mount on a modular base.

54. (New) The multifunctional gas component of Claim 53, wherein the passive gas component is a filter and the active gas component is a pressure transducer.

55. (New) The multifunctional gas component of Claim 53, wherein said passive gas component is operable to vertically mount on the modular base using a surface mount.

56. (New) The multifunctional gas component of Claim 53, wherein said modular connector is a threaded male connector.